**3.1 Parallel and Perpendicular Lines – AFL**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. There was a community meeting at the beginning of last year where the City of Red Deer proposed to build a skate park right at our school! Alex R (the really good skateboarder in grade 8) really wanted to make sure that this was going to happen for us so he represented!!! Yup, for the first hour of the meeting Alex was the only student to show up at that meeting. He suggested that the City build two parallel metal bars so skaters could practice grinding. Unfortunately, the city council men didn’t know what Alex was talking about and they asked him to draw the design (they totally didn’t know what grinding was!) AND GUESS WHAT…they are building the skate park now as we speak (or read)

Draw a picture of the two parallel bars for the skate park:

1. An hour into the meeting, Kelci (who was in grade 6 last year) decided to show up at the meeting for a visit. She had a great idea for a cement ramp that went down perpendicular to the ledge above. Draw a bird eye view of the ramp perpendicular to the ledge. (hint: draw perpendicular lines)